Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work:Maintenance of Public Toilet In Ward No.13 Mallasandra Shetthalli Sub Division.

Est .Cost Rs.5.00 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 4-1.2 : Providing and laying in position plain **cement concrete of mix 1:3:6 with OPC** cement @ 220kgs. with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS **(P.No. 12/I.No. 4.2 of PWD 2018-19)**								
	For Toilet Building								
	For Flooring								
	Rooms		2	7.00	6.60	0.15	13.86		
	Toilets Roms								
	Gents		1	7.00	6.60	0.15	6.93		
	Ladies		1	7.00	6.60	0.15	6.93		
	Passage		1	10.70	1.80	0.15	2.89		
			1	5.00	1.50	0.15	1.13		
		Cum					**31.73**	**5698.60**	**180839.25**
	Basic Rate	5194.00							
	Deduct Cement cost as per SR - 18-19 Page No.V Sl.No.123	-1079.39	Note:- (220*490.63/100)=1079.39						
	Add Cement cost as per Issue rate	1161.86	Note:- (220*264.06/50)=1161.86						
	Sub Total	**5276.48**							
	Area Weightage 8%	422.12							
	Total	**5698.60**							
2	**Providing 20mm thick cement plaster in single coat** with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications **(Page No116, Item No.15.18, PWD SR 2018-19)**								
	Out Side Plastering								
	Long Wall		2	16.45		3.00	98.70		
	Short Wall		2	10.70		3.00	64.20		
	Deduction								
	Passage		-2	1.80		3.00	-10.80		
	Windows		-0.5	2.00		1.80	-1.80		
			-0.5	1.80		1.30	-1.17		
	Ventilater								
	Gents Toilet rooms		-0.5	1.30		0.60	-0.39		
			-0.5	1.80		0.60	-0.54		
	Ladies Toilet rooms		-0.5	0.85		0.55	-0.23		
			-2	1.55		0.50	-1.55		
		Sqm					**146.42**	**316.25**	**46304.12**
	Basic Rate	289.00							
	Deduct Cement cost as per SR - 18-19	-50.04	Note:- morter 0.02*1*1=0.02 Cum/Sqm, (0.02*510*490.63/100)=50.04,						
	Add Cement cost as per Issue rate	53.87	Note:- (0.012*510*264.06/50)=53.87						
	Sub Total	**292.82**							

	Area Weightage 8%	23.43							
	Total	**316.25**							
3	**Providing 18mm thick cement plaster in single coat with cement mortar 1:3**, to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications**(P.No. 112, I.No. 15.15 of PWD SR 2018-19)**								
	Inside Plastering								
	Rooms								
	Room-1		2	7.00		3.00	42.00		
			2	3.60		3.00	21.60		
	Room-2		2	7.00		3.00	42.00		
			2	3.60		3.00	21.60		
	Toilet Rooms								
	Gents Toilet								
			2	7.00		3.00	42.00		
			4	6.60		3.00	79.20		
			8	1.50		3.00	36.00		
	Ladies Toilet								
			2	7.00		3.00	42.00		
			4	6.60		3.00	79.20		
			2	4.22		3.00	25.32		
			16	1.50		3.00	72.00		
	Passage		2	10.70		3.00	64.20		
	Deduction								
	Doors		-2	1.10		2.10	-4.62		
			-4	1.20		2.10	-10.08		
			-13	0.75		2.10	-20.48		
	Windows								
			-0.5	2.00		1.80	-1.80		
			-0.5	1.80		1.30	-1.17		
	Ventilater								
	Gents Toilet rooms		-0.5	1.30		0.60	-0.39		
			-0.5	1.80		0.60	-0.54		
	Ladies Toilet rooms		-0.5	0.85		0.55	-0.23		
			-2	1.55		0.50	-0.78		
		Sqm					**527.04**	**301.80**	**159057.91**
	Basic Rate	276.00							
	Deduct Cement cost as per SR - 18-19	-45.04	Note:- morter 0.018*1*1=0.018 Cum/Sqm, (0.018*510*490.63/100)= 45.04						
	Add Cement cost as per Issue rate	48.48	Note:- (0.018*510*264.06/50)= 48.48						
	Sub Total	**279.44**							
	Area Weightage 8%	22.36							
	Total	**301.80**							

4	**Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling** incluidng rounding off corners wherever required smooth rendering providing and removing scaffolding . including cost of materials, labour curing complete as per specification . **(Page No. 116, Item No. 15.21 of PWD SR 2018-19)**								
	Ceiling		1	13.35	11.45		152.86		
		Sqm					152.86	256.28	39174.01
	Basic Rate	235.00							
	Deduct Cement cost as per SR - 18-19	-30.03	Note:- morter 0.012*1*1=0.012 Cum/Sqm, (0.012*510*490.63/100)=30.03						
	Add Cement cost as per Issue rate	32.32	Note:- (0.012*510*264.06/50)=32.32						
	Sub Total	**237.29**							
	Area Weightage 8%	18.98							
	Total	**256.28**							
								Total Construction Cost	**425375.29**
								GST Charges 12%	**51045.04**
								Tender Premium 5%	**21268.76**
								Sub Total	**497689.09**
								Miscellaneous and other unforseen charges	**2310.91**
								Grand Total Rs	**500000.00**
	Rupees Five Lakh(s) Only								

Certificate:

1) This Work Comes Within BBMP Limits.
2) Certified that personaly Inspected the Work Spot.
3) Certified that the Estimate is Prepared Based on CSR of PWD Bangalore Circle 2018-19
4) Estimate is Prepared Making Use of essential itemof work as per site conditions in safest way of Execution in most economical way
5) This work is not include in any other program of work.

Asst Engineer
Ward No-13

Asst Executive Engineer
Shettyhalli Sub-Division
BBMP

Executive Engineer
Dasarahalli Zone
BBMP

ADMINISTRATIVELY SANCTIONED FOR
(Rupees Rs. FIVE LAKHS
Under the Head of Account P. 3294 14th finance
Registered as no EE(D.D.)/AS 127 Subject to conditions contained in Enclosed Memo
No EE/DD/AS/127/2021 Dt: 23/09/2020
Exe. Engg
JE/AE. (DASARAHALLI) BBMP

Technically Sanctione for Rs. 5.00 Lakhs
Rs In words Rs Five Lakhs only.
Under P. 3294
Job Code No 013-20-000120
Registered as CE No / Subject
to conditions contained in Enclosed Memo
No EE/DD/TS/129/2021 Dt 23/09/2020
AE/JE
Executive Engineer